

The background of the slide features a close-up, top-down view of a brown printed circuit board (PCB). The board is populated with various electronic components, including several circular surface-mount components and intricate copper traces. The top edge of the image is curved, suggesting a hemispherical or dome-shaped perspective.

Issues in Material Composition Reporting

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Content

- Full Disclosure of Material Composition
- Standardization of Data Gathering Toolset
- Manufacturer Part Number Transition
- Component Composition Testing

Full Disclosure of Material Composition

Background:

- Jabil has been involved in material composition collection for 4+ years.
- Standard at start was ELV reporting to IMDS for Auto industry
- Auto electronics share 50%+ of electronics supply base

Strategy:

- 100% reporting of material composition

Benefits:

- Prevents redundant data reporting
- Ability to support multiple customer requirements and substance lists
- Drives supply base to do composition analysis

Full Discloser of Material Composition (cont.)

Issues:

- Manufacturers can be reluctant to provide full disclosure
- Red phosphorus found due to full discloser

Standardization of Data Gathering Toolset

Strategy:

- Establish an industry accepted data gathering software tool
- Jabil sits on 2-18 committee

Benefits:

- One time data reporting
- Simplifies data exchange

Issues:

- Obtaining industry wide agreement is a lengthy process
- Compromises may dilute the value of the format

Manufacturer Part Number Transition

Strategy:

- Material composition changes should drive manufacturer part number change

Benefits:

- Ensure compliant product is designed and manufactured

Issues:

- Manufacturers are reluctant to change part numbers
- OEMs are reluctant to change part numbers
- Inventory Control

Component Composition Testing

Strategy:

- Component composition to be verified against material composition reports
- Standardized testing methods

Benefits:

- Initial verification of high risk component compliancy
- UK DTI process

Issues:

- Large volume of new compliant components makes it prohibitive to test all components
- Lack of testing standardization
- Lack of correlation to regulatory agency testing